BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Telephone: (408) 720-8300

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INTELLECTUAL PROPERTY LAW 12400 WILSHIRE BOULEVARD, 7TH FLOOR LOS ANGELES, CA 90025 FACSIMILE: (408) 720-8383

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OCT 08 2004

Deliver to: Ouang D. Vu, USPTO Facsimile No.: 703-28-27-9300 From: Chui-Kiu Teresa Wong, Reg. No. Our Docket No.: 4363P004 Application No.: 09/843,486	Number of pages _25_including this sheet. Filing Date: 4/25/2001
	Docket Due Date(s):
Enclosed are the following documents:	ogine ppositi i je i se
☐ Amendment:	□ Issue Fee Transmittal □ Notice of Appeal ☑ Petition for: and Amendment for Correction of □ Request for Continued Examination (RCE) □ Reply Brief (pgs) □ Request & Certification Under 35 USC 122(b)(2)(B)(i) □ Request to Rescind Previous Nonpublication Request □ Response to Notice of Missing Parts & Formalities Letter □ Response to Written Opinion (pgs) □ Terminal Disclaimer □ Transmittal of Publication Fee Que □ Transmittal Letter C.E.R. 1.48(a), 2 pages_Asset of Assignee Linder 37 CFR 3.73(B), ious Notice of Recordation (3) pages.

I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to the United States

Patent and Trademark Office.

10/8/2004

Date

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CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8A)

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janecishannon

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SUBMITTED BY		Registrati		, T	48,042 Telephone (408) 720-8300
Name (Print/Type) Chui-Kiu Teresa Wong		(Attorney/Ag	ent)		10,044
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OCT 0 8 2004

Docket No.: 004363.P004

10/08/2005 11:20 FAX 408 720 9397

<u>Patent</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mar Hershenson

Application No.: 09/843,486

Filing Date: April 25, 2001

For: Optimal Simultaneous Design and Design an

AMENDMENT AND PETITION UNDER 37 C.F.R. / 1.48(a) TO CORRECT INVENTORSHIP

Dear Sir:

The undersigned hereby respectfully requests and petitions that the above-referenced application be amended under 37 C.F.R./1.48(a) to correct inventorship of the application.

The application was filed on April 25, 2001 naming the following persons as inventors of the present patent application:

Mar Hershenson and Arash Hassibi and Andre Hentz.

Please correct and amend the present patent application so Stephen Boyd, a citizen of the United States of America and having a residence address of 663 San Juan Street, Stanford, California 94305 is additionally named as a joint inventor, so that Mar Hershenson and Arash Hassibi and Andre Hentz and Stephen Boyd are then named as joint inventors of the present patent application.

It is respectfully submitted that the error in inventorship of the present application was made without any deceptive intent by anyone, including the actual inventors.

Enclosed with this Amendment and Petition is as follows:

- (1) verified Statement of Facts by Stephen Boyd stating that the error in inventorship of the present patent application was made without any deceptive intent by anyone.
 - (2) an executed Declaration/Power of Attorney indicating all inventors;
 - (3) an Assent of Assignee for Correction of Inventorship with a copy of the previously recorded Assignment document; and
 - (4) an Assignment by the additional inventor, Stephen Boyd, to be recorded in accordance with 47 C.F.R./1.331. Please charge to our Deposit Account Number 02-2666.in the amount of \$40.00 to cover the recordation fee required by 37 C.F.R./1.21(h).

Also please charge to our Deposit Account Number 02-2666 the amount of \$130.00 in payment of the fee under C.F.R. 1.17(i) for correction of inventorship.

Respectfully submitted,
Blakely, Sokoloff, Taylor & Zafman LLP

Chui-Kiu Teresa Wong

Reg. No.: 48,042

12400 Wilshire Boulevard Seventh Floor Los Angeles, CA 90025 (408)720-8300

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence, is being facsimil	e transmitted to the Patent and Trademark Office on:
Date of Transmission OCTOBUO	X. 2004
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(Types or printed name of person transmitting paper)	Signature of person transmitting paper)
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OCT 0 8 2004

Docket No.: 004363.P004

<u>Patent</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mar Hershenson

Mar Unit: 2811
)

Application No.: 09/843,486
Filing Date: April 25, 2001

For: Optimal Simultaneous Design and)
Floorplanning of Integrated Circuit

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT OF FACTS BY
Stephen Boyd
UNDER 37. C.F.R. /1.48(a)

Dear Sir.

I hereby declare:

- I am making this Statement of Facts under 37 C.F.R./1.48(a) in connection with U.S. Patent Application Serial No.: 09/843,486 filed April 25, 2001 (hereinafter referred to as "the present patent application").
- I am a citizen of the United States and currently reside at the following address:

Stephen Boyd 663 San Juan Street Stanford, CA 94305

The error was made by naming Mar Hershenson, Arash Hassibi and Andre Hentz as joint inventors, rather than naming Mar Hershenson, Arash Hassibi, Andre Hentz and Stephen Boyd as joint inventors.

- 4. The inventorship error was made without any deceptive intent whatsoever by anyone, and including myself.
- 5. It is now requested that the additional inventor, Stephen Boyd, be added to the present patent application.

I declare that all statements made herein or my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated:_ 9 26 04	S P. M	↓i •
	Stephen Boyd	

OCT 0 8 2004

DECLAR	DECLARATION AND POWER OF		Attorney Docket Num	Attorney Docket Number 4363P004				
ATTORNEY FOR PATENT		First Named Inventor	Mar Hershenson					
	APPLIC		COMPLETE IF KNOWN					
	(37 CFI	R 1.63)	Application Number	09/843,486				
Declaration Submitted	_ 🖂	Declaration Submitted after Initial	Filing Date	April 25, 2001				
with Initial	with Initial Filing (surcharge Filing (37 CFR 1.16(e))	Art Unit	2811					
required)	Examiner Name	Quang D. Vu						

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Optimal Simult	aneous Design and Floorplanning of In	tegrated Circuit	
	(Title of the Invention)		
the specification of which			3 - July 1
is attached hereto.	,		1 - 1 - 1
OR			
was filed on (if application or04/25/2001	ble): _ as United States Application Number as PCT International Application Numb	09/843,486 er	
and was amended on	- ··-	(if applicable)	* # .*

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
				☐ Yes ☐ No
				☐ Yes ☐ No
				☐ Yes ☐ No
				☐ Yes ☐ No
	·			☐ Yes ☐ No

Appointment of Practitioners:

I hereby appoint the practitioners associated with Customer Number: <u>08791</u> as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

If this patent application is assigned, then the undersigned hereby authorizes the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

Correspondence:

Direct all correspondence to Customer Number 08791,

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: \(\Pi\) A petition has been filed for this undersigned inventor.

Full Name:		r Hershenson	
	(First, Middle (if apy). Famil	ly Name (or Surname), and Suff	x [if any])
Inventor's Signatu		Date9/	24/04
Residence Lo	s Altos, California USA	Citizenship Şpain	
	(City , State, Country)	· ·	(Country)
B. B. S. Charles and A. Charles and	430 Marich Way		
Mailing Address			

Ø 010

City , State, Country) Country				ndersigned inventor
Inventor's Signature	Full Name:			
Residence Mountain View, California USA (Citzenship USA (City, State, Country) (Country) Mailing Address 2124 Rock Street, Apt. 43 Mountain View, California 94043 USA NAME OF THIRD INVENTOR:			y Name (or Surname), o	and Suffix [if any])
Mailing Address Country Country Country	Inventor's Signat	ure	Date	
Mailing Address Mountain View, California 94043 USA	Residence M		Citizenship	USA
NAME OF THIRD INVENTOR: A petition has been filed for this undersigned inventor. Andre Hentz			-	(Country)
NAME OF THIRD INVENTOR:	Mailing Address		·	
Full Name: Andre Hentz (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Date		Mountain View, California 94043 USA		
Residence Mountain View, California USA Citizenship Brazil (City, State, Country) (Country) Mailing Address 357 View Street #2 Mountain View , California 94041 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Stephen Boyd (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) nventor's Signature Date Residence Stanford, California USA Citizenship USA (City, State, Country) (Country) Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Date Cesidence Citizenship		• •		dersigned inventor
Residence Mountain View , California USA Citizenship Brazil (City , State, Country) (Country) Mailing Address 357 View Street #2 Mountain View , California 94041 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Stephen Boyd (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence Stanford, California USA Citizenship USA (City , State, Country) (Country) Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Newntor's Signature Date Cesidence Citizenship		(First, Middle [if any], Family	Name (or Surname), a	nd Suffix [if any])
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Mailing Address 357 View Street #2 Mountain View , California 94041 USA NAME OF FOURTH INVENTOR:	Residence Mo	ountain View, California USA	Citizenship	Brazil
Mountain View , California 94041 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Stephen Boyd (First, Middle [if any]. Family Name (or Surname), and Suffix [if any]) nventor's Signature Date Residence Stanford, California USA (City. State, Country) (Country) Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) nventor's Signature Date Residence Citizenship	:	(City, State, Country)		(Country)
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Residence Stanford, California USA Citizenship USA (City , State, Country) (Country) Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filled for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence Citizenship				dersigned inventor
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(City, State, Country) (Country) Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence Citizenship	Full Name:	Stu (First, Middle [if any]. Family	phen Boyd Name (or Surname), an	nd Suffix [if ony])
Stanford, California 94035 USA NAME OF FIFTH INVENTOR:	Full Name:	Sta (First, Middle [if any]. Family re	phen Boyd Name (or Surname), an Date	nd Suffix [if any])
NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) nventor's Signature Date Residence Citizenship	Full Name:	Sta (First, Middle [if any], Family re	phen Boyd Name (or Surname), an Date	nd Suffix [if any]) USA
Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) nventor's Signature Date Residence Citizenship	Full Name: nventor's Signatu Residence Sta	Sta (First, Middle [if any], Family re nford, California USA (City, State, Country)	phen Boyd Name (or Surname), an Date	nd Suffix [if any]) USA
(First, Middle [if any], Family Name (or Surname), and Suffix [if any]) nventor's Signature Date Residence Citizenship	Full Name: nventor's Signatu Residence Sta	Sta (First, Middle [if any], Family re nford, California USA (City, State, Country) 663 San Juan Street	phen Boyd Name (or Surname), an Date	nd Suffix [if any]) USA
Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) nventor's Signature Date Residence Citizenship	Full Name: nventor's Signatu Residence Sta	Sta (First, Middle [if any], Family re nford, California USA (City, State, Country) 663 San Juan Street	phen Boyd Name (or Surname), an Date	nd Suffix [if any]) USA
(First, Middle [if any], Family Name (or Surname), and Suffix [if any]) nventor's Signature Date Residence Citizenship	Full Name: Inventor's Signatu Residence Sta	Sta (First, Middle [if any], Family re nford, California USA (City, State, Country) 663 San Juan Street	phen Boyd Name (or Surname), an Date	nd Suffix [if any]) USA
(First, Middle [if any], Family Name (or Surname), and Suffix [if any]) nventor's Signature Date Residence Citizenship	Full Name: Inventor's Signatu Residence Stat Mailing Address	First, Middle [if any]. Family re nford, California USA (City, State, Country) 663 San Juan Street Stanford, California 94035 USA	ephen Boyd Name (or Surname), ar Date Citizenship	ud Suffix [if any]) USA (Country)
Residence Date Citizenship	Full Name: nventor's Signatu Residence <u>Sta</u> Mailing Address	First, Middle [if any]. Family re nford, California USA (City, State, Country) 663 San Juan Street Stanford, California 94035 USA	ephen Boyd Name (or Surname), ar Date Citizenship	ud Suffix [if any]) USA (Country)
Residence Citizenship	Full Name: Inventor's Signatu Residence Sta Mailing Address	Ste (First, Middle [if any]. Family re Inford, California USA (City, State, Country) 663 San Juan Street Stanford, California 94035 USA INVENTOR: A petition has be	ephen Boyd Name (or Surname), ar Date Citizenship een filed for this und	USA (Country)
	Full Name: nventor's Signatu Residence Sta Mailing Address	Ste (First, Middle [if any]. Family re Inford, California USA (City, State, Country) 663 San Juan Street Stanford, California 94035 USA INVENTOR: A petition has be	ephen Boyd Name (or Surname), ar Date Citizenship een filed for this und	USA (Country)
	Full Name: nventor's Signatu Residence Sta Mailing Address NAME OF FIFTH	INVENTOR: GFIrst, Middle [if any], Family State Country	ephen Boyd Name (or Surname), an Date Citizenship een filed for this und	USA (Country)
(CDV : Male: Country) (Country)	Full Name: Inventor's Signatu Residence Star Mailing Address NAME OF FIFTH Full Name: Inventor's Signatur	INVENTOR: GFIrst, Middle [if any], Family State Country	ephen Boyd Name (or Surname), an Citizenship een filed for this und Name (or Surname), an Date	USA (Country)
(Full Name: Inventor's Signatu Residence Stat Mailing Address NAME OF FIFTH	(First, Middle [if any], Family re Inford, California USA (City, State, Country) 663 San Juan Street Stanford, California 94035 USA INVENTOR: A petition has be (First, Middle [if any], Family re	ephen Boyd Name (or Surname), an Citizenship een filed for this und Name (or Surname), an Date	USA (Country) dersigned inventor
	Full Name: nventor's Signatu Residence Star Mailing Address IAME OF FIFTH full Name: nventor's Signatur	INVENTOR: GFIrst, Middle [if any], Family State Country	ephen Boyd Name (or Surname), an Citizenship een filed for this und Name (or Surname), an Date	USA (Country)

OCT 0 8 2004

DECLARATION AND POWER OF		Attorney Docket Number 4363P004				
ATTORNEY FOR PATENT APPLICATION		First Named Inventor	М	ar Hershenson		
(37 (CFF	₹ 1.63)	(ON	APLETE IF KNOWN	
			Application Number	O:	9/843,486	
	Declaration	Filing Date	Α	pril 25, 2001		
with Initial Filing (surcharge	Art Unit	2	811			
Filing (37 CFR 1.16(e)) required)	, , , ,	Examiner Name	Q)uang D. Vu		
	FOR I	FOR PAT (37 CFF	OR Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e))	FOR PATENT APPLICATION (37 CFR 1.63) Application Number Submitted after Initial Filing (surcharge (37 CFR 1.16(e))	FOR PATENT APPLICATION (37 CFR 1.63) Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) First Named Inventor M Application Number 0 Filing Date A Art Unit 2	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Optimal Simultaneous Design and Floorplanning of Inte	grated Circuit	1.
(Title of the Invention)		
the specification of which		
is attached hereto.		
OR	•	
was filed on (if applicable): or <u>04/25/2001</u> as United States Application Number as PCT International Application Number	09/843,486	
and was amended on	(if applicable)	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

	Application(s):

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
				☐ Yes ☐ No
				☐Yes ☐No
				☐ Yes ☐ No
]		·		∐Yes ∐ÎNo
			. 🗅	☐Yes ☐No

Appointment of Practitioners:

I hereby appoint the practitioners associated with Customer Number: 08791 as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

If this patent application is assigned, then the undersigned hereby authorizes the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

Correspondence:

Direct all correspondence to Customer Number 08791,

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE	OR FIRST INVENTOR:	☐ A petition has been filed for this undersigned inventor
Full Name:		Mar Hershenson
	(First, Middl	lle fif any], Family Name (or Surname), and Suffix (if any])
Inventor's Signatu	re	Date
Residence Lo	s Altos, California USA	Citizenship Spain
	(City , State, Coun	ntry) (Country)
Mailing Address	430 Marich Way	
_	Los Altos, California 940	043 USA

NAME OF SECOND INVENTOR:	petition has been file	d for this un	dersigned	inventor	
Full Name:	. Arash Ha	ssibí			
(First, Middle	e [if agv], Family Name (or Surname), a	nd Suffix [if	(anyl)	
Inventor's Signature	mer.	Date	9/30	1-200	52-
Residence Mountain View, California US	A.	Citizenship	USA /		
(City , State, Coun		•		(Country)	
Mailing Address 2124 Rock Street, Apt. 43					
Mountain View, Californi					
Full Name:	petition has been file Andre H	entz			
•	t [if any], Family Name (or Surname), a	nd Suffix [if	any])	
Inventor's Signature		Date		<u> </u>	
Residence Mountain View , California US	SA.	Citizenship	Brazil		
(City, State, Count				(Country)	
Mailing Address 357 View Street #2				i	
Mountain View, Californi	ia 94041 USA	. •			•
NAME OF FOURTH INVENTOR:	petition has been file	d for this und	dersigned	inventor	, **.
Full Name:	Stephen I	Boyd			
(First, Middle	; [if any], Family Name (or Surname), a	nd Suffix [if	any])	,
Inventor's Signature		Date		÷ .	4.5
Residence Stanford, California USA		Citizenship	LISA		
(City , State, Count			0071	(Country)	
Mailing Address 663 San Juan Street				,	
Stanford, California 94035	USA				
Full Name: (First, Middle	petition has been filed	or Surname), ar		·	
Inventor's Signature		Date			
Residence		Citizenship			
(City, State, Count	(ry)		·	(Country)	
Mailing Address				 	

10/08/2005 11:22 FAX 408 720 9397

OCT 0 8 2004

DECLARATION A	ND POWER OF	Attorney Docket Num	1081 43031 004	·_
ATTORNEY FOR PATENT		First Named Inventor	Mar Hershenson	
APPLICA		COMPLETE IF KNOWN		
(37 CFR	1.63)	Application Number	09/843,486	
	Declaration Submitted after Initial	Filing Date	April 25, 2001	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
with Initial	Filing (surcharge	Art Unit	2811	
Filing (37 ČFR 1.16(e)) required)		Examiner Name	Quang D. Vu	
	med below to be the origi	inal and first invento	or(s) of the subject matter	
which is claimed and for wh	nich a patent is sought or nuitaneous Design and			
which is claimed and for wh	nich a patent is sought or	Floorplanning of Ir		
which is claimed and for wi	nich a patent is sought or			
which is claimed and for whether which is claimed and for which	nich a patent is sought or	Floorplanning of Ir		
which is claimed and for wi	nich a patent is sought or	Floorplanning of Ir		
which is claimed and for whether which is claimed and for which	nich a patent is sought or	Floorplanning of Ir		
the specification of which	nich a patent is sought or nuitaneous Design and (Title of the licable): 11 as United States A	Floorplanning of In	ntegrated Circuit	

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

<u>Pr</u>	ior Foreign Application(s):				
	Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
					☐ Yes ☐ No
					☐ Yes ☐ No
			1		☐ Yes ☐ No
					☐ Yes ☐ No
				0	☐ Yes ☐ No

Appointment of Practitioners:

I hereby appoint the practitioners associated with Customer Number: <u>08791</u> as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

If this patent application is assigned, then the undersigned hereby authorizes the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

Correspondence:

Direct all correspondence to Customer Number 08791,

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE	OR FIRST INVENTOR: A petition	n has been filed for this u	ndersigned inventor
Full Name:		r Hershenson	
	(First, Middle [if any], Famil	y Name (or Surname), and Sufj	îx [if any])
Inventor's Signatu	ıre	Date	
Residence Lo	s Altos, California USA	Citizenship Spair	ı
	(City, State, Country)		(Country)
Mailing Address	430 Marich Way		
-	Los Altos, California 94043 USA	· ·	

NAME OF SECO	ND INVENTOR:	een filed for this undersi	igned inventor
Full Name:		ash Hassibi	
Inventor's Signatu	(First, Middle [if any]. Famtly re	Name (or Surname), and Sug Date	(fix (if any])
Residence Mo	untain View, California USA	Citlzenship <u>USA</u>	
Mailing Address	(City, State, Country) 2124 Rock Street, Apt. 43 Mountain View, California 94043 USA		(Country)
NAME OF THIRD		een filed for this undersl adre Hentz	gned inventor
	(First, Middle [if any], Family	Name (or Surname), and Suf	fix [if any])
Inventor's Signatu			24/2004
Residence Mo	untain View, California USA (City, State, Country)	Citizenship Braz	il (Country)
Mailing Address	357 View Street #2		A Property of the Control of the Con
	Mountain View, California 94041 USA	•	
NAME OF FOURT	Ste	en filed for this undersign	
	(First, Middle [if any], Family	Name (or Surname), and Suff	fix [if any])
Inventor's Signatur	·e	Date	4.5 % c.
Residence Star	nford, California USA	Citizenship USA	
Mailing Address	(City, State, Country) 663 San Juan Street		(Country)
	Stanford, California 94035 USA		
NAME OF FIFTH I	_ ,	en filed for this undersig	
Inventor's Signatur	(First, Middle [if any], Family e	Name (or Surname). and Suff Date	fix [if any])
Residence		Citizenship	,
Mailing Address	(City , State, Country)		(Country)

OCT 0 8 2004

DECLAR	DECLARATION AND POWER OF		Attorney Docket Num	ber 4363P004
ATTORNEY FOR PATENT		First Named Inventor	Mar Hershenson	
APPLICATION	COMPLETE IF KNOWN			
	(37 CFR 1.63)	Application Number	09/843,486	
Declaration Submitted		Filing Date	April 25, 2001	
with Initial Filing (surcharge Filing (37 CFR 1.16(e)) required)	Art Unit	2811		
	Examiner Name	Quang D. Vu		

BST&Z

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Optimal Simultaneous Design and Floorplanning of Integ	grated Circuit	
		į
		•
(Title of the Invention)		
the specification of which		
☐ is attached hereto.		
OR´		
was filed on (if applicable): or	09/843,486	
and was amended on	(if applicable)	1. W.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

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<u>Prior Foreign</u>	<u> Application(</u>	<u>s)</u> :
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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
				☐ Yes ☐ No
	•			☐ Yes ☐ No
			口	☐ Yes ☐ No
		l		☐ Yes ☐ No
<u>' </u>				☐ Yes ☐ No

Appointment of Practitioners:

I hereby appoint the practitioners associated with Customer Number: <u>08791</u> as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

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Correspondence:

Direct all correspondence to Customer Number 08791,

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE	OR FIRST INVENTOR:	A petition has been filed for t	this undersigned inventor
Full Name:		Mar Hershenson	
	(First, Middle [if an	y], Family Name (or Surname), an	ıd Suffix [if any])
Inventor's Signate	ire	Date	
Residence Lo	s Altos, California USA	Citizenship	Spain
_	(City , State, Country)		(Country)
Mailing Address	430 Marich Way		
-	Los Altos, California 94043 U	SA	

Full Name: (First, Middle [if any]. Family Name (or Surname), and Suffix [if any]) Inventor's Signature Residence Mountain View, California USA (Cly, State, Country) Malling Address 2124 Rock Street, Apt. 43 Mountain View, California 94043 USA NAME OF THIRD INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any]. Family Name (or Surname), and Suffix [if any]) Inventor's Signature Residence Mountain View, California USA (Cly, State, Country) Mailing Address 357 View Street #2 Mountain View, California 94041 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Stephen Boyd (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Residence Stanford, California USA (City, State, Country) Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature (City, State, Country) Mailing Address (City, State, Country) Mailing Address	(First, Middle [if any]. Family Name (or Surname), and Suffix [Inventor's Signature Date Residence Mountain View, California USA Citizenship USA (City, State, Country) Malling Address 2124 Rock Street, Apt. 43	if any])
Inventor's Signature	Residence Mountain View, California USA Citizenship USA (City , State, Country) Malling Address 2124 Rock Street, Apt. 43	if any])
Country Country Country Country	(City , State, Country) Mailing Address 2124 Rock Street, Apt. 43	
Country Country Country Country	(City , State, Country) Mailing Address 2124 Rock Street, Apt. 43	
NAME OF THIRD INVENTOR: A petition has been filed for this undersigned inventor Full Name: Andre Hentz (First, Middle [sf any]. Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence Mountain View , California USA (City , State, Country) (Country) Mailing Address 357 View Street #2 Mountain View , California 94041 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Stephen Boyd (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Mailing Address 663 San Juan Street Stanford, California USA (City, State, Country) Mailing Address Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date (City, State, Country) Country)		(Country)
NAME OF THIRD INVENTOR: A petition has been filed for this undersigned inventor Full Name: Andre Hentz (First, Middle [if any]. Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence Mountain View, California USA (City, State, Country) (Country) Mailing Address 357 View Street #2 Mountain View, California 94041 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Stephen Boyd (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date 9 17 1 0 1 Residence Stanford, California USA (City, State, Country) (Country) Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Citizenship Country) (Country)		
Full Name: Andre Hentz (First, Middle [if any], Family Name (or Surname), and Suffix [if any])		
Full Name: Andre Hentz (First, Middle [if any], Family Name (or Surname), and Suffix [if any])		
Inventor's Signature		d inventor
Inventor's Signature		if aun.7)
Residence Mountain View , California USA (City , State, Country) (Country) Mailing Address 357 View Street #2 Mountain View , California 94041 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Stephen Boyd (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date 9 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
City , State, Country Country	inventor's signature Date	<u> </u>
City , State, Country Country	Regidence Mountain View California USA Citizenshin Brazil	
Mailing Address 357 View Street #2 Mountain View , California 94041 USA NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Stephen Boyd (First, Middle [if ony], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date 9 1 1 0 4 Residence Stanford, California USA Citizenship USA (City , State, Country) (Country) Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date (City , State, Country) (Country)		(Country)
NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Stephen Boyd (First, Middle (if any), Family Name (or Surname), and Suffix (if any)) Inventor's Signature Date 976 (City , State, Country) Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence (City, State, Country) (Country) (Country) (Country) (Country)	• • • • • • • • • • • • • • • • • • • •	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
NAME OF FOURTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: Stephen Boyd (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date 911 0 9 Residence Stanford, California USA Citizenship USA (City, State, Country) (Country) Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence Citizenship (Country)		
City , State, Country Country		d inventor
Inventor's Signature Residence Stanford, California USA (City , State, Country) Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Residence Citizenship (City , State, Country) (Country)		fany])
(City , State, Country) (Country) Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence Citizenship (City , State, Country) (Country)		104
Mailing Address 663 San Juan Street Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Residence (City, State, Country) (Country)	Residence Stanford, California USA Citizenship USA	
NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date (City, State, Country) (Country)	(City, State, Country)	(Country)
NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned inventor Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence (City, State, Country) (Country)		1.
Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Date Residence (City, State, Country) (Country)	Mailing Address 663 San Juan Street	
Inventor's Signature Date Residence Citizenship (Country)		
(City, State, Country) (Country)	Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned Full Name:	
(City, State, Country) (Country)	Stanford, California 94035 USA NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned for the sundersigned for the s	
	NAME OF FIFTH INVENTOR: A petition has been filed for this undersigned full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [i] Inventor's Signature Date	

OCT 08 2004

Docket No.: 004363.P004

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Examiner: Quang D. Vu
Mar Hershenson)	Art Unit: 2811
Application No.: 09/843,486)	
Filing Date: April 25, 2001)	
For: Optimal Simultaneous Design and Floorplanning of Integrated Circuit		*
Commissioner for Patents		
P.O. Box 1450		

Alexandria, VA 22313-1450

ASSENT OF ASSIGNEE UNDER 37 C.F.R./3.73(B) FOR CORRECTION OF INVENTORSHIP

Dear Sir:

Attached please find a copy of the Recordation of Assignment document that is currently on file with the U.S. Patent and Trademark Office concerning the above noted application. The Assignment document is being submitted to provide evidence of chain of title for this application.

Assignee, Barcelona Design Inc., a Delaware corporation having a place of business at 997 East Arques Avenue, Sunnyvale, CA 94085, does hereby assent to the correction of inventorship, the petition for which is filed herewith, which seeks to add Stephen Boyd as an additional inventor in the above-referenced application. The undersigned, Ariel Sella, does declare, under penalty of perjury, that he is authorized by Barcelona Design, Inc. to make this Assent of Assignee for Correction of Inventorship.

Respectfully submitted,

Chief Executive Officer



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

JULY 18, 2001

BLAKELY SOKOLOFF TAYLORUS BAFMAN EDWIN H. TAYLOR 12400 WILSHIRE BOULEVARD SEVENTH FLOOR LOS ANGELES, CA 90025-1026

BLAKELY, SOKOLOFF, TAMES & ZAFRAN UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/25/2001

REEL/FRAME: 011754/0942

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HASSIBI, ARASH

DOC DATE: 04/23/2001

ASSIGNOR:

HENTZ, ANDRE

DOC DATE: 04/23/2001

ASSIGNOR:

HERSHENSON MAR

DOC DATE: 04/14/2001

ASSIGNEE:

BARCELONA DESIGN, INC. 704 TOWN AND COUNTRY VILLAGE A DELAWARE CORPORATION SUNNYVALE, CALIFORNIA 94086

SERIAL NUMBER: 09843486

PATENT NUMBER:

FILING DATE: 04/25/2001

ISSUE DATE:

011754/0942 PAGE 2

DOROTHY BASMA, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

FORM PTO-1595 Recordation Form	Cover Sheet U.S. DEPARTMENT OF COMMERCE
FORM PTO-1595 Recordation Form (Rev. 10/02) PATENTS PATENTS	
To the Honorable Commissioner of Patents and Trademarks. Please	e record the attached original documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving party(ies):
was a series to the Ameleo Wontze	Name: Barcelona Design, Inc.
Stephen Boyd	Manie. Mar parones & Avelin and
Additional name(s) of conveying party(ies) attached?	Internal Address:
No ☐ Yes	Street Address: 39677 Eureka Drive
Nature of Conveyance:	
S. Nature of Conveyance. ☐ Merger	CV 1 - 01 - 04860
☐ Security Agreement ☐ Change of Name	City: Newark State: CA Zip: 94560
1	Country: LISA
I	Additional name(s)& address(es) attached? ☑ No ☐ Yes
4. Application number(s) or patent number(s):	the execution date of the application is:
If this document is being filed together with a new application	HIC CACCORNI MORE OF THE REPROCESSION IO.
A. Patent Application No.(s)	B. Patent No.(s)
(to) measures debutements and fall	
09/843,486	
Additional numbers atta	ched? 🗷 No 🔲 Yes
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
concerning document should be mailed.	
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$ 40.00
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ChuiKiu Teresa Wong, Reg. No. 48,042	Signature Date
Name of Person Signing	Cigricular
Total number of pages including cover si	heet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
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P.O. Box 1450

Alexandria, VA 22313-1450

Attorney's Docket No.: 4363P004

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Mar Hershenson; Arash Hassibi; Andre Hentz; Stephen Boyd

hereby sell, assign, and transfer to:

Barcelona Design, Inc.

a Corporation of Delaware, having a principal place of business at 39677 Eureka Drive, Newark, California 94560 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent filed on April 25, 2001, and assigned Application No. 09/843,486 and is entitled:

Optimal Simultaneous Design and Floorplanning of Integrated Circuit

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

4363P004 Page 1 of 2

Each Inventor: Please Sign and Date Below:

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date	Name: Mar Hershenson
Date	Name: Arash Hassibi
Date 9/26/04	Name: Andre Hentz
Date	Name: Stephen Boyd
Date	Name:
Поте	Name:

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (408) 720-8300

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